10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ANKRD24 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20751c

Product Information

Application	WB, E
Primary Accession	Q8TF21
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49935
Calculated MW	124187

Additional Information

Gene ID	170961
Other Names	Ankyrin repeat domain-containing protein 24, ANKRD24, KIAA1981
Target/Specificity	This ANKRD24 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 296-328 amino acids from the Central region of human ANKRD24.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ANKRD24 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

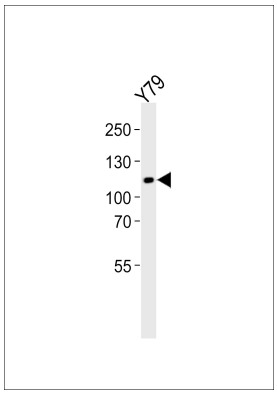
Name	ANKRD24 (HGNC:29424)
Synonyms	KIAA1981
Function	Component of the stereocilia rootlet in hair cells of inner ear. Bridges the apical plasma membrane with the lower rootlet and maintains normal distribution of TRIOBP, thereby reinforcing stereocilia insertion points and organizing rootlets for hearing with long-term resilience.

Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q80VM7}. Cell projection, stereocilium {ECO:0000250|UniProtKB:Q80VM7} Note=Localizes to hair cell stereocilia rootlets. Concentrated to the stereolocilia insertion point. {ECO:0000250|UniProtKB:Q80VM7}

References

Grimwood J.,et al.Nature 428:529-535(2004).
Nagase T.,et al.DNA Res. 8:319-327(2001).

Images



Western blot analysis of lysate from Y79 cell line, using ANKRD24 Antibody (Center)(Cat. #AP20751c). AP20751c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.